

-1- (JAPIO)
ACCESSION NUMBER 85-175364
TITLE ZINC-ALKALINE PRIMARY CELL
PATENT APPLICANT (2000582) MATSUSHITA ELECTRIC IND CO LTD
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ABSTRACT
PURPOSE: To reduce the amalgamation factor of the negative-electrode zinc of a primary cell by amalgamating the Zn surface deposited with Ag and In, Ga, Tl, etc. for use as a negative-electrode active material.
CONSTITUTION: A surface layer concurrently containing Ag and one or more of In, Ga, Tl is formed on the surface of zinc powder. Next, at least this surface layer is amalgamated. This amalgamated zinc powder is used as a negative-electrode active material.
Accordingly, the amalgamation factor of negative-electrode zinc can be reduced and a cell can be made to have low environmental pollution without deteriorating the storage characteristic and leakage resistance of the zinc-alkaline primary cell.